IEC Appliance Inlet C14, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal

6100-4

C14

70° C

See below:

Approvals and Compliances

Description
- Panel mount :
  Snap-in version from front side
- 1 Function :

- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Solder terminals or quick connect terminals

Other versions on request
- Other panel thickness
- Types for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 for the use in unattended household equipment acc. IEC 60335-1

References
Alternative: protection class II version   6102-5
Alternative: version with line filter   5110; 5120

Weblinks
pdf datasheet, html-datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 30 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals
Panel Thickness S	Snap-in: 1/1.2/1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in   Details about Approvals

Approvals
The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.
Approval Reference Type: 6100

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40015595
	UL Approvals	UL	UL File Number: E96454
	CQC Approvals	CQC	CCC Certificate Number:

Product standards
Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards
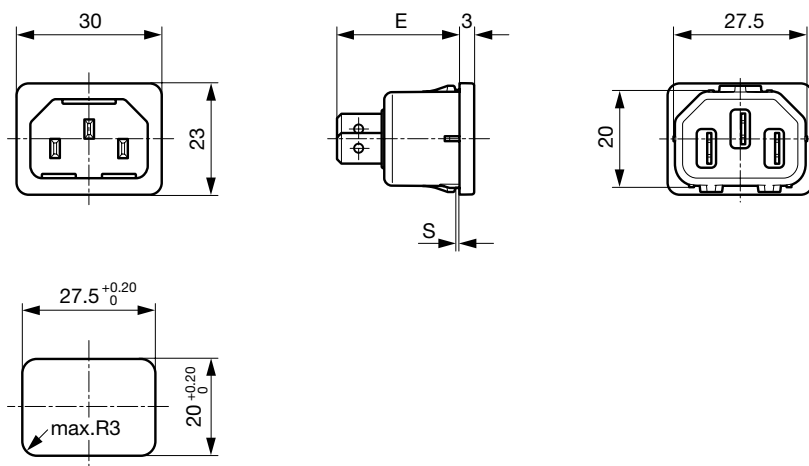
Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
IEC	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS COMPLIANT	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
China RoHS	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.
	White paperGlow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Dimensions [mm]

E: Solder terminals 22.5 mm
E:Quick connect terminals 25.5 mm
S: 1.0, 1.2, 1.5, 2.0, 2.5, 3.0 mm

All Variants

Type	Protection Class	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number	
6100-4	I	Snap-in	1	Quick connect terminals 4.8 x 0.8 mm	6100.4210	▪
6100-4	I	Snap-in	1.2	Quick connect terminals 4.8 x 0.8 mm	6100.4212	▪
6100-4	I	Snap-in	1.5	Quick connect terminals 4.8 x 0.8 mm	6100.4215	▪
6100-4	I	Snap-in	1.6	Quick connect terminals 4.8 x 0.8 mm	6100.4216	
6100-4	I	Snap-in	2	Quick connect terminals 4.8 x 0.8 mm	6100.4220	▪
6100-4	I	Snap-in	2.5	Quick connect terminals 4.8 x 0.8 mm	6100.4225	▪
6100-4	I	Snap-in	3	Quick connect terminals 4.8 x 0.8 mm	6100.4230	

Type	Protection Class	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number	
6100-4	I	Snap-in	1	Quick connect terminals 6.3 x 0.8 mm	6100.4310	▍
6100-4	I	Snap-in	1.2	Quick connect terminals 6.3 x 0.8 mm	6100.4312	▍
6100-4	I	Snap-in	1.5	Quick connect terminals 6.3 x 0.8 mm	6100.4315	▍
6100-4	I	Snap-in	2	Quick connect terminals 6.3 x 0.8 mm	6100.4320	▍
6100-4	I	Snap-in	2.5	Quick connect terminals 6.3 x 0.8 mm	6100.4325	▍
6100-4	I	Snap-in	3	Quick connect terminals 6.3 x 0.8 mm	6100.4330	▍
6100-4	I	Snap-in	1	Solder terminals 3.8 x 0.8 mm	6100.4110	▍
6100-4	I	Snap-in	1.2	Solder terminals 3.8 x 0.8 mm	6100.4112	▍
6100-4	I	Snap-in	1.5	Solder terminals 3.8 x 0.8 mm	6100.4115	▍
6100-4	I	Snap-in	2	Solder terminals 3.8 x 0.8 mm	6100.4120	▍
6100-4	I	Snap-in	2.5	Solder terminals 3.8 x 0.8 mm	6100.4125	
6100-4	I	Snap-in	3	Solder terminals 3.8 x 0.8 mm	6100.4130	▍

▍ Most Popular.

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit	50 Pcs

Accessories

Description

Wire Harness
Wire harness for SCHURTER products

Assorted Covers
Rear Cover

	0859.0048
	4311.9401
	4311.9402

Cord retaining kits
Cord retaining strain relief

Countersunk, C	4700.0003

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

Appliance Outlet further types to 6100-4

Connector Overview complete

4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
IEC Connector C15 for hot conditions 120°C, Rewireable, Straight	4781
IEC Connector C15 for hot conditions 120°C, Rewireable, Angled	4784

Connector further types to 6100-4	...

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